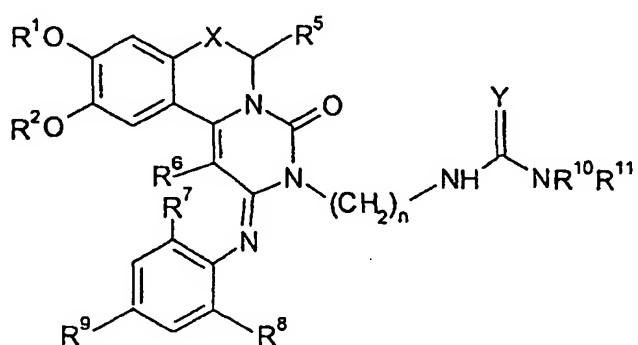


AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions.

Claims 1-15 (cancelled).

Claim 16 (currently amended): A process for preparing a compound of general formula I:



I

wherein

each of R^1 and R^2 independently represents a C_{1-6} alkyl or C_{2-7} acyl group;

R^5 represents a hydrogen atom or a C_{1-3} alkyl, C_{2-3} alkenyl or C_{2-3} alkynyl group;

R^6 represents a hydrogen atom or a C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, amino, C_{1-6} alkylamino, di(C_{1-6}) alkylamino or C_{2-7} acylamino group;

each of R^7 and R^8 independently represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{2-7} acyl, C_{1-6} alkylthio, C_{1-6} alkoxy, C_{3-6} cycloalkyl; and

R^9 represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{2-7} acyl, C_{1-6} alkylthio, C_{1-6} alkoxy or C_{3-6} cycloalkyl group;

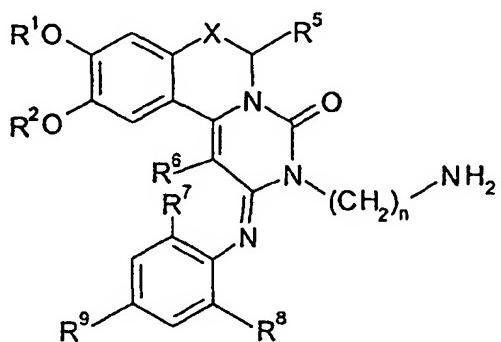
X represents OCH_2 or a group CR^3R^4 , wherein each of R^3 and R^4 independently represents a hydrogen atom or a C_{1-3} alkyl group;

each of R^{10} and R^{11} independently represents a hydrogen atom, a C_{1-3} alkyl, C_{3-6} cycloalkyl or phenyl group;

Y represents an oxygen atom or a group CHNO₂, NCN, NH or NNO₂;
n is an integer from 2 to 4;
or a salt thereof,

the process comprising:

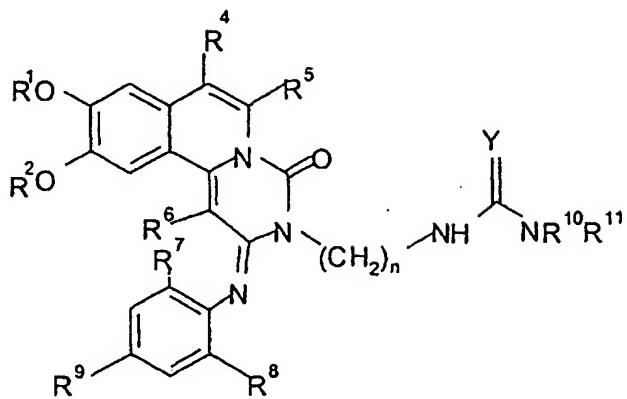
- (a) derivatising-reacting a compound of general formula II:



II

wherein R¹, R², R⁵, R⁶, R⁷, R⁸, R⁹, X and n are as defined for general formula I,
with one or more-a compound[[s]] capable of reacting at the primary amine group
of the aminoalkyl moiety -(CH₂)_n-NH₂, to form a compound of general formula I;
or

- (b) when X in general formula I represents a group CR³R⁴, wherein R³ represents
a hydrogen atom, R⁴ represents a hydrogen atom or a C₁₋₃ alkyl group, and R⁵
represents a hydrogen atom or a C₁₋₃ alkyl group, hydrogenating a compound of
general formula III:



III

wherein R¹, R², R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹, Y and n are as defined for general formula I; and

(c) optionally converting a compound of general formula I so formed into another compound of general formula I.

Claim 17 (currently amended): A process as claimed in claim 16, wherein in general formula I, when Y represents an oxygen atom and each of R¹⁰ and R¹¹ represents a hydrogen atom, a compound of general formula II is derivatised-reacted with sodium cyanate.

Claim 18 (currently amended): A process as claimed in claim 16, wherein in general formula I, when Y represents an oxygen atom, R¹⁰ represents a hydrogen atom and R¹¹ represents a C₁₋₃ alkyl, C₃₋₆ cycloalkyl or phenyl group, a compound of general formula II is derivatised-reacted with an isocyanate of the general formula R¹¹NCO.

Claim 19 (original): A process as claimed in claim 18, wherein the isocyanate is isopropylisocyanate or phenylisocyanate.

Claim 20 (currently amended): A process as claimed in claim 16, wherein in general formula I, when Y represents CHNO₂, R¹⁰ represents a hydrogen atom and R¹¹ represents a C₁₋₃ alkyl or C₃₋₆ cycloalkyl group, a compound of general

formula II is derivatised-reacted with an N-C₁₋₃ alkyl- or N-C₃₋₆ cycloalkyl-l-(methylthio)-2-nitroethenamine of the general formula CH₃SC(=CHNO₂)NR¹⁰R¹¹.

Claim 21 (currently amended): A process as claimed in claim 20, wherein the compound of general formula II is derivatised-reacted with N-methyl-l-(methylthio)-2-nitroethenamine.

Claim 22 (original): A process as claimed in claim 16, wherein in general formula I, when Y represents CHNO₂, a compound of general formula II is reacted first with 1,1-bis(methylthio)-2-nitroethylene and the resulting compound is then reacted with an amine of the general formula R¹⁰R¹¹NH, wherein R¹⁰ and R¹¹ are as defined for general formula I.

Claim 23 (original): A process as claimed in claim 22, wherein the amine is isopropylamine or dimethylamine.

Claim 24 (currently amended): A process as claimed in claim 16, wherein when in general formula I, Y represents NH, a compound of general formula II is derivatised-reacted with a compound of general formula CH₃SC(=NH)NR¹⁰R¹¹ or a salt thereof, wherein R¹⁰ and R¹¹ are as defined for general formula I.

Claim 25 (currently amended): A process as claimed in claim 16, wherein when in general formula I, Y represents NCN, a compound of general formula II is derivatised reacted with a compound of general formula CH₃SC(=NCN)NR¹⁰R¹¹ or a salt thereof, wherein R¹⁰ and R¹¹ are as defined for general formula I.

Claims 26-50 (cancelled).

Claim 51 (currently amended): A process as claimed in claim 16, wherein independently or in any compatible combination:

each of R¹ and R² independently represent[[s]] a C₁₋₆ alkyl;
~~R¹ and R² are the same as each other;~~
each of R³ and R⁴ represents a hydrogen atom;
R⁵ represents a hydrogen atom;
R⁶ represents a hydrogen atom;
each of R⁷ and R⁸ independently represent[[s]] a C₁₋₆ alkyl;
~~R⁷ and R⁸ are the same as each other;~~
R⁹ represents a halogen atom or a methyl or acetyl group;
Y represents an oxygen atom or a group CHNO₂; and
n is 2.

Claim 52 (currently amended): A process as claimed in claim 51, wherein each of R¹ and R² represents a C₁₋₄ alkyl[[,]] group; and each of R⁷ and R⁸ represents a methyl, ethyl or isopropyl group.

Claim 53 (previously presented): A process as claimed in claim 16, wherein the compound of general formula I is selected from the group consisting of:

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-(N-carbamoyl-2-aminoethyl)-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-(N'-isopropylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(N'-methyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3- [N-[1-(N'-isopropyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(N', N'-dimethyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-(N'-phenylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-2-one;

9,10-Dimethoxy-3-[2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-4-one;

9,10-Dimethoxy-3-[N-(N'-nitro)-2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-4-one;

3-[N-(N'-Cyclohexylcarbamoyl)-2-aminoethyl]-9,10-dimethoxy-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-4-one;

3-(*N*-Carbamoyl-2-aminoethyl)-9,10-dimethoxy-2-(2-methylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-4-one;

3-(*N*-Carbamoyl-2-aminoethyl)-2-(2,6-diisopropylphenylimino)-9,10-dimethoxy-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-4-one;

3-(*N*-Carbamoyl-4-aminobutyl)-9,10-dimethoxy-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-4-one; and

3-[N-(N'-Cyano-*N*"-methyl)-2-guanidinoethyl]-9,10-dimethoxy-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-a]isoquinolin-4-one.